

AMENDMENTS TO THE CLAIMS

1-3. (CANCEL)

4. **(WITHDRAWN-PREVIOUSLY AMENDED)**: A method for detection of *Yersinia pestis* in a sample comprising:

(i) providing a sample;

(ii) using a PCR assay to detect the set of polynucleotides of claim 8 in the sample, wherein the detection of SEQ ID NO:4 and SEQ ID NO:8 in the sample indicates the presence of *Yersinia pestis* in the sample.

5. **(WITHDRAWN)**: The method of Claim 4 wherein said PCR comprises standard PCR.

6. **(WITHDRAWN)**: The method of Claim 5, wherein said PCR comprises fluorogenic 5' nuclease PCR assay.

7. **(WITHDRAWN)**: The method of claim 4, wherein said assay is performed using a first forward primer consisting of SEQ ID NO:1, a first reverse primer consisting of SEQ ID NO:2, and a first hybridization probe consisting of SEQ ID NO:3 for detection of SEQ ID NO:4 and using a second forward primer consisting of SEQ ID NO:5, a second reverse primer consisting of SEQ ID NO:6, and a second hybridization probe consisting of SEQ ID NO:7 for detection of SEQ ID NO:8. ; -and detecting the presence of SEQ ID NO:4 and SEQ ID NO:8 by flurogenic 5' nuclease PCR assay, wherein the presence of SEQ ID NO:4 and SEQ ID NO:8 indicates the presence of *Yersinia pestis* in the sample.

8. **(CURRENTLY AMENDED)** A set of polynucleotides comprising a first isolated polynucleotide and a second isolated polynucleotide, wherein the first isolated polynucleotide consists of SEQ ID NO:4 or ~~a complement~~ the complement thereof and the second isolated polynucleotide consists of SEQ ID NO:8 or ~~a complement~~ the complement thereof.

9. **(WITHDRAWN-CURRENTLY AMENDED)** The set of polynucleotides of claim 8, comprising at least one further isolated polynucleotide consisting of a nucleic acid sequence

selected from the group consisting of SEQ ID NOS: 12, 16, 20, and 24 or ~~a complement~~ the complement thereof.

10. **(WITHDRAWN-PREVIOUSLY AMENDED)** The set of polynucleotides of claim 9, comprising six isolated polynucleotides each consisting of one of SEQ ID NOS: 4, 8, 12, 16, 20, and 24 or complements thereof.

11. **(CANCELED)**

12. **(CANCELED)**

13. **(CURRENTLY AMENDED)** ~~The set of oligonucleotides of claim 11~~ The set of polynucleotides of claim 8, further comprising a set of oligonucleotides, wherein each oligonucleotide consists of one of SEQ ID NOS: 1, 2, 3, 5, 6, and 7.

14. **(CANCELED)**

15. **(WITHDRAWN-CURRENTLY AMENDED)** ~~The set of oligonucleotides of claim 14~~ The set of polynucleotides of claim 10, further comprising a set of oligonucleotides, wherein each oligonucleotide consists of one of SEQ ID NOS: 1, 2, 3, 5, 6, 7, 9, 10, 11, 13, 14, 15, 17, 18, 19, 21, 22, and 23.

16. **(CANCELED)**

17. **(CANCELED)**